

What is claimed is:

1. A lens meter comprising:

a unit body provided with an eyeglasses support means for supporting eyeglasses;

a left measurement optical system provided in said unit body and provided with a left light-emitting optical system that emits measurement light to a left eyeglass lens of said eyeglasses and a left light-receiving optical system that receives the measurement light passing through said left eyeglass lens;

a right measurement optical system provided in said unit body and provided with a right light-emitting optical system that emits measurement light to a right eyeglass lens of said eyeglasses and a right light-receiving optical system that receives the measurement light passing through said right eyeglass lens; and

an arithmetic control circuit that computes the optical characteristics of said pair of eyeglass lenses based on an output of said right and left measurement optical systems.

2. The lens meter as claimed in Claim 1, wherein a pair of said light-receiving optical systems include a common light-receiving element.

3. The lens meter as claimed in Claim 1, wherein a pair of said light-receiving optical systems individually include a light-receiving element.

4. The lens meter as claimed in Claim 1, wherein said light-receiving optical systems include a pattern plate that separates said measurement luminous flux into a large number of measurement luminous fluxes.

5. The lens meter as claimed in Claim 1, wherein said unit body includes, as said eyeglasses support means,

a left lens receiver disposed between said left light-emitting optical system and said left light-receiving optical system and provided with an end portion capable of supporting said left eyeglass lens from underneath with a point, and

a right lens receiver disposed between said right light-emitting optical system and said right light-receiving optical system and provided with an end portion capable of supporting said right eyeglass lens from underneath with a point.

6. The lens meter as claimed in Claim 5, wherein each of said right and left lens receivers comprise one lens receiving shaft formed in a bar shape, said shaft having an upper end formed in a hemispheric shape.

7. The lens meter as claimed in Claim 6, wherein
said light-receiving optical system comprises a pattern plate that separates said measurement light flux into a large number of measurement luminous fluxes, and
said pattern plate is provided with said lens receiving shafts.

8. The lens meter as claimed in Claim 6, wherein
said light-receiving optical system comprises a convex lens having a shape protruding upward, and
said convex lens is provided with said lens receiving shafts.

9. The lens meter as claimed in Claim 6, wherein said unit body includes a pair of pressing members that severally press said right and left eyeglass lenses from above to press the right and left eyeglass lenses severally against the right and left lens receivers as another lens support means.

10. The lens meter as claimed in Claim 6, wherein said unit body includes elevating support means for eyeglasses attached to said unit body in a freely movable manner up and down

for making said right and left eyeglass lenses of eyeglasses move down until the lenses contact the right and left lens receivers as another said lens support means.

11. The lens meter as claimed in Claim 10, wherein said elevating support means for eyeglasses comprises a nose pad supporting member disposed at a center between said right and left measurement optical systems in a freely movable manner up and down, which is capable of supporting the nose pad of said eyeglasses from underneath and positioning said eyeglasses in horizontal directions.

12. The lens meter as claimed in Claim 10, wherein said elevating support means for eyeglasses comprises a frame supporting member capable of supporting right and left lens frames of said eyeglasses and attached to right and left sides of said unit body in a freely movable manner up and down.

13. The lens meter as claimed in Claim 6, wherein said unit body includes a pair of sandwiching members for eyeglasses, which sandwich said eyeglasses from front and rear directions, as another lens support means.

14. The lens meter as claimed in Claim 6, wherein said unit body includes:
a nose pad supporting member disposed at a center between said right and left measurement optical systems, which is capable Of supporting the nose pad of said eyeglasses from underneath and positioning said eyeglasses in horizontal directions; and

a pair of sandwiching members for eyeglasses, which sandwich said eyeglasses from front and rear directions, as another lens support means.

15. The lens meter as claimed in Claim 6, wherein said unit body includes:
a nose pad supporting member disposed at a center between said right and left measurement optical systems, which is capable of supporting the nose pad of said eyeglasses from underneath and positioning said eyeglasses in horizontal directions;

a pair of pressing members that severally press said right and left eyeglass lenses from above to press the right and left eyeglass lenses against the right and left lens receivers severally; and

a pair of sandwiching members for eyeglasses, which sandwich said eyeglasses from front and rear directions, as another lens support means.

16. The lens meter as claimed in Claim 15, wherein said lens receivers are provided between a measurement optical path of said measurement optical system and a withdrawal position outside the measurement optical path in a freely movable manner by a lens receiver moving mechanism.

17. The lens meter as claimed in Claim 13, wherein a pair of the sandwiching members for eyeglasses, which sandwich said eyeglasses from front and rear directions are linked or connected with each other so as to move forward or backward by an equal quantity with each other to a measurement optical axis of the measurement optical system.

18. The lens meter as claimed in Claim 14, wherein a pair of the sandwiching members for eyeglasses, which sandwich said eyeglasses from front and rear directions are linked or connected with each other so as to move forward or backward by an equal quantity with each other to a measurement optical axis of the measurement optical system.

19. The lens meter as claimed in Claim 15, wherein a pair of the sandwiching members for eyeglasses, which sandwich said eyeglasses from front and rear directions are linked or connected with each other so as to move forward or backward by an equal quantity with each other to a measurement optical axis of the measurement optical system.

20. The lens meter as claimed in Claim 16, wherein a pair of the sandwiching members for eyeglasses, which sandwich said eyeglasses from front and rear directions are linked or

connected with each other so as to move forward or backward by an equal quantity with each other to a measurement optical axis of the measurement optical system.